

CS/BSCM/SEM-5/BSCM-504/2011-12

2011

INVENTORY MANAGEMENT

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

GROUP – A

(Objective Type Questions)

1. Write True or False for the following : $10 \times 1 = 10$
 - i) JIT is the most advanced type of inventory control.
 - ii) Scrap is a useful inventory.
 - iii) ABC analysis is based on the criticality of the item.
 - iv) The ideal situation is to work with minimum inventory without any production interruption.
 - v) Inventory control is an SCM function.
 - vi) Cotton waste is an MRO inventory.
 - vii) Travelling and purchase follow up expenses are part of inventory carrying cost.
 - viii) In the two-bin system, order is placed for replenishment as soon as the first bin is empty.
 - ix) Finished goods inventories are built up for the errors caused by demand forecasting.
 - x) SMED technique is applied for quick set up of machine.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following $3 \times 5 = 15$

2. Define the concept and scope of JIT.
3. How do you explain the relation between EOQ and Inventory

Carrying Cost ?

4. What is VED analysis ? For which category of inventories such analysis is useful ?
5. Highlight the benefits and limitations of Distribution Requirement Planning.
6. State the various costs associated with inventories.

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. Define inventory. Mention the various classes of inventories. Highlight the major functions of inventories. $2 + 6 + 7$
8. What do you mean by Selective Inventory Control ? Explain the different types of control. $3 + 12$
9. What is WIP ? Mention the different classes of WIP. How do you analyse the controlling methods of WIP ? $2 + 5 + 8$
10. Define Finished Goods Inventory. Explain the different factors influencing finished goods inventory. $3 + 12$
11. Explain the use of Information Technology in Inventory Management. Give example.

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